

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/30/2011 has been entered.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Caleb Pollack on 12/8/2011.

1. The application has been amended as follows:

Claim 24 (Currently Amended): A method for displaying frames from an in-vivo image stream, the image stream comprising a series of frames captured in-vivo in a chronological order, said method comprising: selecting a plurality of subsets of frames from the in-vivo image stream for display across a series of time slots; for each subset, assigning at least one score to each frame of the subset based on a degree of variation between a predetermined criterion of each

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flame and a predetermined criterion of a reference frame; displaying, using a monitor, subsets of the selected plurality of subsets of frames from the in-vivo image stream across a series of time-sequential slots as a multi-frame image stream, by displaying image frames of a different subset of the selected plurality of subsets of frames substantially simultaneously in each of the time-sequential slots, wherein the frames of the displayed subset of frames are positioned spatially in order of ascending or descending degree of variation based on the at least one score assigned thereto; and adjusting the size of at least one of the frames displayed based on the assigned score.

Claim 34 (Currently Amended): A system for displaying frames of an in-vivo image stream, the system, the image stream comprising a series of frames captured in-vivo in a chronological order, the system comprising: an in-vivo imaging device to transmit an in-vivo image stream; a processor to select a plurality of subsets of frames from the in-vivo image stream for display across a series of time slots and for each subset assign at least one score to each of frame of the subset based on a degree of variation between a predetermined criterion of each frame and a predetermined criterion of a reference frame; and a ~~display~~ monitor to display subsets of the selected plurality of subsets of frames from the in-vivo image stream across a series of time-sequential slots as a multi-frame image stream, wherein each multi-frame image thereof displays image frames of a different subset of the selected plurality of subsets of frames substantially simultaneously in each of the time-sequential slots, wherein the frames of the displayed subset of frames are positioned spatially in order of ascending or descending degree of variation based on the at least one score assigned thereto; and wherein the size of at least one of the frames displayed is adjusted based on the assigned score.

Claim 39 (Currently Amended): A method for displaying frames from an in-vivo image stream, the image stream comprising a series of frames captured in-vivo in a chronological order, the method comprising: transmitting an in-vivo image stream; selecting a plurality of subsets of frames from the in-vivo image stream for display across a series of time slots; for each subset, assigning at least one score to each frame of the subset based on a degree of variation between a predetermined criterion of each frame and a predetermined criterion of a reference frame; ~~and~~ displaying, using a monitor, subsets of the selected plurality of subsets of frames from the in-vivo image stream across a series of time-sequential slots as a multi-frame image stream, by displaying image frames of a different subset of the selected plurality of subsets of frames substantially simultaneously in each of the time-sequential slots, wherein the frames of the displayed subset of frames are positioned spatially in order of ascending or descending degree of variation based on the at least one score assigned thereto; and adjusting the size of at least one of the frames displayed based on the assigned score.

2. Claims 24-26,28,32-39 and 42-48 are allowed.

The following is an examiner's statement of reasons for allowance: As to claim **34**, the prior art of record does not teach or fairly suggest a system for displaying frames of an in-vivo image stream comprising a processor to select a plurality of subsets of frames from the in-vivo image stream for display across a series of time slots and for each subset assign at least one score to each of frame of the subset based on a degree of variation between a predetermined criterion

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of each frame and a predetermined criterion of a reference frame; and a display to display subsets of the selected plurality of subsets of frames from the in-vivo image stream across a series of time-sequential slots as a multi-frame image stream, wherein each multi-frame image thereof displays image frames of a different subset of the selected plurality of subsets of frames substantially simultaneously in each of the time-sequential slots, wherein the frames of the displayed subset of frames are positioned spatially in order of ascending or descending degree of variation based on the at least one score assigned thereto; and wherein the size of at least one of the frames displayed is adjusted based on the assigned score, in combination with the rest of the claim. As to claims **24** and **39**, claims 24 and 39 are method claims having substantially similar limitations and are allowable for similar reasons. As to claims **25,26,28,32,33,35-38** and **42-48**, claims 25,26,28,32,33,35-38 and 42-48 are allowed as being dependent on either claims, 24,34 or 39.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY J. DANIELS whose telephone number is (571)272-7362. The examiner can normally be reached on 8:00 A.M. - 5:30 P.M..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on (571) 272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ANTHONY J DANIELS/
Primary Examiner, Art Unit 2622
12/7/2011